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(54) Title: LIQUID AND GEL-LIKE LOW MOLECULAR WEIGHT ETHYLENE POLYMERS

(57) **Abstract:** The subject invention pertains to homogeneous liquid low molecular weight ethylene/alpha-olefin polymers having a number average molecular weight (Mn) as determined by gel permeation chromatography, of less than 25, 000, a total crystallinity, as measured by DSC, of less than 10 %, and a pour point, as measured by ASTM D97, of less than 50°C. The subject invention also pertains to homogeneous gel-like low molecular weight ethylene/alpha-olefin polymers having a number average molecular weight (Mn) as determined by gel permeation chromatography, of less than 25, 000, a total crystallinity, as measured by DSC, of less than 50%, and a pour point, as measured by ASTM D97, of less than 90°C.

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